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Approximately **149** results found in the Worldwide database for:
manipulator and degrees and freedom in the title or abstract
(Results are sorted by date of upload in database)

- 1 Surgical manipulator for a telerobotic system**
Inventor: GREEN PHILIP S (US); JENSEN JOEL F (US) Applicant: STANFORD RES INST INT (US)
EC: A61B19/00M; B25J15/04; (+1) IPC: A61B19/00
Publication info: **US2005192595** - 2005-09-01
- 2 MULTI-DEGREE-OF-FREEDOM MANIPULATOR**
Inventor: MITSUISHI MAMORU; WARISAWA SHINICHI; Applicant: MITSUISHI MAMORU; THK CO LTD
(+2)
EC: A61B19/00M IPC: A61B17/28; B25J17/00; (+1)
Publication info: **JP2005169011** - 2005-06-30
- 3 Robot with a manipulator arm**
Inventor: WANG YULUN (US); LABY KEITH P (US); Applicant:
(+1)
EC: IPC: G05B19/04
Publication info: **US2005104547** - 2005-05-19
- 4 Porosimetric device**
Inventor: VOLFKOVICH YURY MIRONOVICH (RU); Applicant: POROTECH LTD (CA)
BLINOV IGOR ALEXANDROVICH (RU); (+1)
EC: G01N15/08A IPC: G01N15/08
Publication info: **US2005034507** - 2005-02-17
- 5 POROSIMETRIC DEVICE**
Inventor: VOLFKOVICH YURY MIRONOVICH (CA); Applicant: POROTECH LTD (CA)
BLINOV IGOR ALEXANDROVICH (CA)
EC: IPC: G01N15/08
Publication info: **CA2473293** - 2005-01-07
- 6 Surgical manipulator**
Inventor: CHARLES STEVE T (US); STUART J MICHAEL Applicant: MICRODEXTERITY SYSTEMS INC (US)
(US); (+1)
EC: A61B19/00M IPC: A61B19/00
Publication info: **US2004162564** - 2004-08-19
- 7 METHOD AND DEVICE FOR MACHINING WORKPIECE**
Inventor: GMEINER PETER Applicant: KUKA ROBOTER GMBH
EC: B25J9/16P3 IPC: B25J13/00; G05B19/18; (+1)
Publication info: **JP2004174709** - 2004-06-24
- 8 Process for monitoring an energy source guiding device as a manipulator**
Inventor: KROTH EBERHARD DR (DE) Applicant: REIS GMBH & CO MASCHINENFABRIK (DE);
ELAN SCHALTELEMENTE GMBH & CO (DE)
EC: B23K26/10B; B23K26/42D; (+3) IPC: B23K26/08
Publication info: **EP1402987** - 2004-03-31
- 9 METHOD AND APPARATUS FOR ARRANGING AND ORIENTING PACKAGES**
Inventor: OPPICI GIORGIO (IT) Applicant: A C M I S R L (IT); OPPICI GIORGIO (IT)
EC: B65G47/08D; B65G47/26 IPC: B65G47/08; B65G47/26
Publication info: **WO2004039705** - 2004-05-13
- 10 SINGLE AXIS MANIPULATOR WITH CONTROLLED COMPLIANCE**
Inventor: CHIU MICHAEL A; BENTLEY NEIL R Applicant: TERADYNE INC (US)
EC: H01L21/68 IPC: H01L

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[Search Summary]

Results of searching in PCT (Full Text) for:

piezoelectric and "degrees of freedom" and (manipulator or robot or robotic): 83 records

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4. (WO 2005/074373) METHODS AND APPARATUS FOR REHABILITATION AND TRAINING
5. (WO 2005/074372) METHODS AND APPARATUS FOR REHABILITATION AND TRAINING
6. (WO 2005/074371) METHODS AND APPARATUS FOR REHABILITATION AND TRAINING
7. (WO 2005/058137) CATHETERSCOPE 3D GUIDANCE AND INTERFACE SYSTEM
8. (WO 2005/044095) **ROBOTIC** SURGICAL DEVICE
9. (WO 2005/031789) METHOD, SYSTEM AND DEVICE FOR MICROSCOPIC EXAMINATION EMPLOYING FIB-PREPARED SAMPLE GRASPING ELEMENT
10. (WO 2005/018428) ACTIVATED POLYMER ARTICULATED INSTRUMENTS AND METHODS OF INSERTION
11. (WO 2005/009245) RAPID AND ACCURATE DETECTION OF BONE QUALITY USING ULTRASOUND CRITICAL ANGLE REFLECTOMETRY
12. (WO 2005/009211) INSERTABLE DEVICE AND SYSTEM FOR MINIMAL ACCESS PROCEDURE
13. (WO 2004/046164) UNIQUE RECOGNITION SEQUENCES AND METHODS OF USE THEREOF IN PROTEIN ANALYSIS
[Repub: 13.01.2005]
14. (WO 2004/099712) AUGMENTING REALITY SYSTEM FOR REAL-TIME NANOMANIPULATION USING ATOMIC FORCE MICROSCOPY
15. (WO 2004/069413) SAMPLE HANDLING TOOL WITH **PIEZOELECTRIC** ACTUATOR
[Repub: 30.09.2004]
16. (WO 2004/077584) **PIEZOELECTRIC** ACTUATOR WITH PASSIVE GAP FOR PUSH-PULL MOTION
17. (WO 2004/069413) SAMPLE HANDLING TOOL WITH **PIEZOELECTRIC** ACTUATOR
18. (WO 2004/014244) MICROSURGICAL **ROBOT** SYSTEM
[Repub: 29.07.2004]
19. (WO 2004/063029) DROPLET DISPENSATION FROM A RESERVOIR WITH REDUCTION IN UNCONTROLLED ELECTROSTATIC CHARGE
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Query :
((piezoelectric <and> degrees <near>

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1. [2437286](#) MICROSURGICAL ROBOT SYSTEM 80%

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1	IS&R	L1	398	(310/323.12,323.17,323.18,325).CCLS.	USPAT	2005/11/21 10:13	
2	IS&R	L2	88	(310/323.12,323.17,323.18,325).CCLS.	US-PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 10:16	
3	BRS	L3	0	piezoelectric and three adj3 axes adj3 freedom and manipulator	USPAT	2005/11/21 10:16	
4	BRS	L4	0	piezoelectric and three adj3 axes adj3 freedom and manipulator	US-PGPUB; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 10:17	
5	BRS	L5	65	piezoelectric and three adj3 degrees adj3 freedom and manipulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 10:17	

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2	IS&R	L2	88	(310/323.12,323.17,323.18,325).CCLS.	US-PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 10:16	
3	BRS	L3	0	piezoelectric and three adj3 axes adj3 freedom and manipulator	USPAT	2005/11/21 10:16	
4	BRS	L4	0	piezoelectric and three adj3 axes adj3 freedom and manipulator	US-PGPUB; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 10:17	
5	BRS	L5	65	piezoelectric and three adj3 degrees adj3 freedom and manipulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 11:06	
6	IS&R	L6	1	("6723106").PN.	USPAT	2005/11/21 11:24	

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7	IS&R	L7	38	(("4580073") or ("4587452") or ("4678956") or ("4692650") or ("4692651") or ("4734610") or ("4752711") or ("4763148") or ("4771203") or ("4788468") or ("4810923") or ("4947076") or ("5008581") or ("5017823") or ("5099166") or ("5128580") or ("5155407") or ("5274295") or ("5298829") or ("5300850") or ("5436522") or ("5548176") or ("5585685") or ("5646469") or ("5739621") or ("5760529") or ("5770916") or ("5814919") or ("5917270") or ("5949178") or ("5952766") or ("6051911") or ("6121717") or ("5128580") or ("5155407") or ("5274296") or ("5298829") or ("5436522") or ("5585685") or ("5646469") or ("5739621") or ("5760528") or ("5770916") or ("5917268") or ("6051911") or ("6191520") or	USPAT	2005/11/21 11:27	

				("6380660")) .PN.			
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1	BRS	L1	0	(robot\$2 OR MANIPULATOR) and freedom and distal same magnify\$3	USPAT	2005/11/21 14:20	
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3	BRS	L3	9	(robot\$2 OR MANIPULATOR) same magnify\$3 and freedom	US-PGPUB; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2005/11/21 14:21	
4	BRS	L4	11	(robot\$2 OR MANIPULATOR) same magnify\$3 and freedom	USPAT	2005/11/21 14:22	